FEDERAL ITEM IDENTIFICATION GUIDE

EARTH MOVING AND EXCAVATING EQUIPMENT

This Reprint replaces FIIG T334, dated May 12, 1989.

Commander

Defense Logistics Information Service

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BY ORDER OF THE DIRECTOR

/s/

Commander

Defense Logistics Information Service

Contents

GENERAL INFORMATION

1. Purpose and Scope

This Federal Item Identification Guide (FIIG) is a self-contained document for the collection, coding, transmittal, and retrieval of item characteristics and related supply management data for an item of supply for logistical use. This FIIG is to be used to describe items of supply identified by the index of approved item names appearing in this section.

2. Contents

This FIIG is comprised of the following:

Index of Approved Item Names Covered by this FIIG
Applicability Key Index
Section I - Item Characteristics Data Requirements
Section III - New text that should be here.
Appendix A - Reply Tables
Appendix B - Reference Drawing Groups (as applicable)
Appendix C - Technical Data Tables (as applicable)

a. Index of Approved Item Names Covered by this FIIG:

The index lists the approved item names with definitions and item name codes as they appear in Cataloging Handbook H6, applicable to this FIIG. In addition, each name entry is assigned an applicability key for use in relating the characteristics requirements in Section I to the specific item name.

b. Applicability Key Index:

The purpose of this index is to provide the user with a ready reference for determining the specific requirements which are applicable to a given approved item name. This index lists all requirements in sequence as they appear in the FIIG. The applicability of a Master Requirement Coded requirement is indicated by the column headed by the specific item name applicability key as follows:

(1) The letter "X" indicates the requirement must be answered for a full descriptive item.

(2) The letters "AR" indicate the requirement is to be answered as required by (1) instructional notes within the FIIG; (2) when the reply is predicated on replies to a related main requirement; or (3) when an asterisk (*) is used in conjunction with the applicability key column in Section I.

(3) A blank in the column indicates the requirement is not applicable to the specific item name.

c. Section I - Item Characteristics Data Requirements:

This section contains the physical and performance characteristics requirements needed to describe and identify an item of supply. These characteristics differentiate one item from all other items of supply and are to be used to meet the needs of all supported functions. This section is arranged in columns. Identification of each column and instructions pertinent thereto are as follows:

(1) Applicability Key:

The first column shows the applicability key(s) for each requirement. It indicates whether the requirement need be satisfied for the item being identified. "ALL" indicates that the requirement must be answered for all items covered by the FIIG. One or more alphabetic character(s) or group of one or more alphabetic characters indicates a response is required when describing items with an approved item name or names represented by the key(s). An asterisk (*) used in conjunction with any applicability key indicates that the characteristic stated in the requirement may not be applicable to all items covered by the FIIG.

(2) Master Requirement Codes (MRC):

A four-position code which is assigned to a FIIG requirement for identification of the requirement, cross-referencing requirements in the various sections and appendices of the FIIG, and for mechanized processing and retrieval of FIIG generated data. Absence of a MRC for a requirement indicates a lead-in to requirements with individual MRCs in Appendix B.

(a) The coding technique for providing MULTIPLE/OPTIONAL responses will not be used for a Section I requirement assigned Mode Code A or L that leads to Appendix B sketches with dimensional requirements.

(b) Identified Secondary Address Coding:

This technique is for extending the Master Requirement Code so that a unique address is provided for each application of the requirement in relation to the item and is authorized only as instructed within the requirement. Responses coded through this technique will always consist of the following: (1) Master Requirement Codes, (2) indicator code (a single numeric character determined by the number of positions contained), (3) identified secondary address code (1 to 3-digit alphabetic codes determined by the number of predicted replies), (4) the mode code, (5) the reply code and/or clear text response, and (6) end with a record separator (*). Steps (1) through (6) are repeated for each application of the requirement.

(c) AND/OR coding:

A technique for extending the Master Requirement Code to provide a distinctive address for multiple responses to the same requirement. Responses coded through this technique will always consist of (1) Master Requirement Code, (2) mode code, (3) the response or reply code (as instructed by the requirement), (4) a single dollar sign ($) for an OR condition, or a double dollar sign ($$) for an AND condition, (5) the mode code, (6) the response or reply code

(followed by conditions (4) through (6) for each of the multiple responses) and (7) end with a record separator (*). NOTE: Apply this technique only when instructed by the requirement sample reply (e.g.).

(3) Mode Code:

A one-position alphabetic code that specifies the manner in which a response will be prepared. Each requirement assigned a MRC is also assigned a mode code. Sample replies follow each FIIG requirement displaying the proper construction of a response for the assigned mode code. The response to a requirement will always be prepared in accordance with the assigned mode code and sample reply except in the following instances:

(a) Use of E Mode Code replies is not authorized. If a reply needed to describe an item is not listed in the applicable table, contact the FIIG Initiator.

(b) Mode Code K may not be used for any requirement unless instructed by the requirement instructions.

(4) Requirement:

This portion includes the characteristics data elements and data use identifiers required to identify and differentiate one item of supply from another, narrative definitions, and explanations as to use and method of expression. Instructions for coding and preparing replies are also provided.

(5) Reply Code:

A code that represents an established authorized reply to a requirement.

d. Section III - Supplementary Technical and Supply Management Data:

This section includes those characteristics requirements necessary to support specific logistics functions other than National Stock Number assignment.

e. Appendix A - Reply Tables:

Tables of authorized replies to requirements and reply codes when the tables are too lengthy for inclusion in Section I/III, when applicable.

f. Appendix B - Reference Drawings:

This appendix contains representative illustrations which portray specific variations of one or more generic characteristics. If reference drawings contain requirements pages to be used in conjunction with illustrations for dimensioning purposes, the requirements pages will contain Master Requirement Codes, mode codes, and a statement of the requirement. A response to requirements on a requirements page is necessary only for those Master Requirement Codes applicable to the illustration selected.

g. Appendix C - Technical Data Tables:

This appendix contains conversion charts and similar data pertinent to the requirements in Section I/III, when applicable.

3. Enter administrative MRC CLQL immediately following the last FIIG requirement reply, as instructed below:

MRC	Mode Code	Requirement	Example
CLQL	G	COLLOQUIAL NAME (common usage name by which an item is known)	CLQLGWOVEN WIRE CLOTH*

4. Special Instructions and Indicator Definitions

a. Measurements:

Unless otherwise indicated within a requirement example, enter all measurements in decimal form, carried to the nearest three decimal places, with a minimum of one digit preceding the decimal. For SI (metric), enter all measurements with a minimum of one digit before and after the decimal. For fraction to decimal conversion, see Appendix C.

b. Indicators:

A cross hatch (#) following an AIN, MRC, Reply Code or Drawing Number indicates for "ALL EXCEPT USA" use only.

5. Indexes

a. Index of Data Requirements

This index is arranged in alphabetic sequence by Master Requirement Code, cross-referenced to the applicable data requirement and page number(s).

b. Index of Approved Item Names

This index is arranged in alphabetic sequence referenced to Applicability Key.

c. Applicability Key Index

This index is arranged in Applicability Key Sequence.

6. Maintenance

Requests for revisions and other changes will be directed to:

[Page Break]

MRC Index

INDEX OF APPROVED ITEM NAMES COVERED BY THIS FIIG

Approved Item Name	INC	App Key
ANGLEDOZER, EARTH-MOVING	06095	BA

A broad, horizontal metal, pushing blade with framework and equipment for mounting on the front of a motorized vehicle; used for moving earth and other materials to either side of the vehicle when the blade is set at a selected angle, or straight forward when the blade is set parallel to the front of the vehicle.

BULLDOZER, EARTH-MOVING	06096	BA

A broad, horizontal, metal, pushing blade with framework and equipment for mounting on and parallel to the front of a motorized vehicle; used for ground clearing and earth moving.

CUTTING EDGE, BOWL, SCRAPER	60368	CA

A metal blade designed to be bolted to the bottom of the bowl of an earth moving scraper to form the earth cutting edge. Excludes CUTTING EDGE, MOLDBOARD and CUTTING EDGE, SCOOP.

CUTTING EDGE, MOLDBOARD	32933	CA

A metal blade specifically designed to be bolted to the lower face of a dozer, grader or snowplow moldboard to form the cutting edge. Excludes scraper bowl and scoop loader type cutting edges.

CUTTING EDGE, SCOOP, LOADER	28017	CA

A metal blade designed to be bolted to the bottom of the scoop of a scoop type loader to form the earth cutting edge.

DITCHING MACHINE	05708	KA

A self-propelled machine consisting of digging buckets mounted on a rotating wheel, or an endless chain. It is used for digging trenches and/or ditches and is equipped with a discharge facility for disposing of excavated material. Excludes DITCHING MACHINE, CONCRETE PAVING FORM.

END BIT, MOLDBOARD	32930	CA

A metal blade specifically designed to be bolted to either corner of the lower face of a dozer, grader or snowplow moldboard. It is used to form part of the cutting edge and may be either right hand, left hand and/or left/right hand.

GRADER, ROAD, MOTORIZED	05701	AA

A self-propelled, power operated machine, with an adjustable horizontal cutting blade mounted on the underside of the chassis. It is used for leveling, ditching, clearing, and the like.

Approved Item Name	INC	App Key
LOADER, BACKHOE	38624	FA

A self-propelled, wheeled vehicle with a hydraulic operated scoop type bucket, designed for scooping, hoisting and discharging bulk materials such as earth, aggregate, snow and the like. Excludes LOADER SCOOP TYPE.

LOADER, BUCKET TYPE	05709	JA

A self-propelled, self-loading apparatus, crawler or wheel mounted, consisting of a feeder and a continuous line of buckets attached to an endless chain or belt. It is used for elevating and discharging bulk material and/or snow.

LOADER, SCOOP TYPE	21575	FA

A self-propelled, wheeled vehicle with a hydraulic operated scoop type bucket, designed for shoveling, hoisting and discharging bulk materials such as earth, aggregate, snow and the like. It may include additional attachments such as fork lift, crane hook, snowplow and the like. Excludes TRACTOR, WHEELED (as modified) with attachments.

LOADER, SCOOP TYPE, FULL TRACKED	22595	GA

A self-propelled vehicle with a hydraulic operated scoop type bucket, designed for excavating or shoveling, hoisting and discharging bulk materials such as earth, aggregate, snow and the like. It may include additional attachments such as fork lift, crane hook, dozer blade and the like. Excludes TRACTOR, FULL TRACKED (as modified) with attachments.

LOADER, SCOOP TYPE, TRACTOR MOUNTING	06331	HA

An apparatus consisting of a scoop with framework and equipment for mounting on a tractor, the scoop operating in a vertical plane or in an arc over the top of a tractor. It is used for excavating, hoisting, and discharging materials such as earth and aggregate.

POWER CONTROL UNIT, TRACTOR MOUNTING, CABLE OPERATED	06501	LA

A tractor mounting apparatus for operating equipment attached to or towed by the tractor by means of wire rope.

SCRAPER, EARTH MOVING, TOWED	06333	DA

A piece of equipment consisting of a wheel-mounted or drag-along type, mechanically operated bucket or scoop with a cutting blade. It is used for digging, leveling, transporting, and discharging materials.

TRAILER (1), DUMP	07342	MA

A trailer with a dump body designed for transporting and discharging materials, such as earth, aggregate, and the like. It is mounted on crawlers or pneumatic tired wheels.

Approved Item Name	INC	App Key
TRAILER SEMITRACTOR, DUMP	05740	MB

A piece of equipment consisting of a wheel or crawler mounted dump body trailer attached to a semitractor for propelling and operating the dumping mechanism. It is used for transporting and discharging material such as earth, aggregate and the like.

TRAILER-TRACTOR, DUMP	05741	MB

A piece of equipment consisting of a wheel- or crawler-mounted dump-body trailer attached to a specially constructed tractor for propelling and operating the dumping mechanism. It is used for transporting and discharging materials, such as earth, aggregate, and the like.

APPLICABILITY KEY INDEX

	AA
NAME	X
AGDH	X
AGDJ	X
AGDQ	X
BWHM	X
AKDJ	X
ATJL	AR
ASQF	AR
BBRD	X
BWHN	X
BWHP	AR
BWHQ	X
BWHR	X
BWHS	X
BWHT	X
AGCQ	X
AKYN	AR
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ELRN	AR
ELCD	AR
AFJK	AR
AWJN	AR
SUPP	AR
ZZZV	AR

	BA
NAME	X
APGF	X
APHE	X
BWHW	AR
ANCT	X
BWHX	X
BBRD	X
BWHZ	X
BWJB	X
BWJC	AR
AKSL	X
AYDS	AR
AJKE	AR
AGAV	AR
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ELRN	AR
ELCD	AR
AFJK	AR
AWJN	AR
SUPP	AR
ZZZV	AR

	CA
NAME	X
SHPE	X
ABRY	X
ABGL	X
ABNM	X
ALSQ	X
BWJD	AR
APTD	X
AMWT	X
BWJF	AR
BWJG	AR
BCXF	X
AGMK	AR
ADEP	AR
AAUB	AR
BWJH	AR
BWJJ	X
BWJK	X
BWJL	AR
AAFS	AR
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ELRN	AR
ELCD	AR
AFJK	AR
AWJN	AR
SUPP	AR
ZZZV	AR

	DA
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APGF	X
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ALRE	AR
BWJM	X
BWHY	X
BXSP	X
BXSQ	X
BXSR	X
BXSS	X
BXST	X
AGCQ	X
AKYN	AR
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ELRN	AR
ELCD	AR
AFJK	AR
AWJN	AR
SUPP	AR
ZZZV	AR

	FA
NAME	X
APGF	X
ALMS	AR
ALSC	X
BXSX	X
BXSY	X
BXSZ	X
BXTB	X
AKDJ	X
ATJL	AR
ASQF	AR
BXTC	X
BXTD	X
AGDH	X
AGDJ	X
BXTF	AR
AGDQ	AR
AGDS	AR
ALRE	X
AGCQ	X
BYNX	X
BXTG	X
AKYN	AR
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ELRN	AR
ELCD	AR
AFJK	AR
AWJN	AR
SUPP	AR
ZZZV	AR

	GA
NAME	X
BXTH	AR
BXTB	X
BXSZ	X
BXTJ	X
BXSX	X
BXTK	X
AKDJ	X
ATJL	AR
ASQF	AR
AYMZ	AR
AXJD	X
AXJH	X
ATWQ	X
BXTL	X
AKYN	AR
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ELRN	AR
ELCD	AR
AFJK	AR
AWJN	AR
SUPP	AR
ZZZV	AR

	HA
NAME	X
APGF	X
BXTM	X
APHE	X
BXTN	X
AKYN	AR
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ELRN	AR
ELCD	AR
AFJK	AR
AWJN	AR
SUPP	AR
ZZZV	AR

	JA
NAME	X
APBQ	X
AAXX	X
BMGG	AR
BXTQ	AR
AKDJ	X
ATJL	AR
ASQF	AR
BGXY	X
BXTM	X
BXSZ	X
BXTR	X
ATYX	X
AKYN	AR
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ELRN	AR
ELCD	AR
AFJK	AR
AWJN	AR
SUPP	AR
ZZZV	AR

	KA
NAME	X
AAXX	X
BNXM	AR
APGF	X
AKDJ	X
ATJL	AR
ASQF	AR
BXTS	X
BXTT	X
AJMF	X
BXTW	AR
BXTX	AR
BXTY	AR
BXTZ	X
BBFT	X
BXWB	X
BXWC	X
AKYN	AR
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ELRN	AR
ELCD	AR
AFJK	AR
AWJN	AR
SUPP	AR
ZZZV	AR

	LA
NAME	X
BXWD	X
BWJC	X
AYQM	X
AMWT	X
BKXM	X
AJKL	X
BGLJ	X
BXWF	X
BXWG	AR
BXWH	AR
BXWJ	X
AKSL	X
AYDS	AR
AJKE	AR
AGAV	AR
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ELRN	AR
ELCD	AR
AFJK	AR
AWJN	AR
SUPP	AR
ZZZV	AR

	MA	MB
NAME	X	X
BXWK		X
AAXX	X	X
AGDH	AR	AR
ALRE	AR	AR
AAFZ	X	
BXWL	AR	
BLMW	AR	
BXWN	X	X
ABHP	X	X
ABMK	X	X
BLXJ	X	X
BYNN	X	X
AGCQ	X	X
BYNP		X
AKDJ		X
ATJL		AR
ASQF		AR
BYNQ		AR
BYNR		X
BYNS		AR
BYNT		AR
BYNW		AR
FEAT	AR	AR
TEST	AR	AR
SPCL	AR	AR
ZZZK	AR	AR
ZZZT	AR	AR
ZZZW	AR	AR
ZZZX	AR	AR
ZZZY	AR	AR
CRTL	AR	AR
PRPY	AR	AR
ELRN	AR	AR
ELCD	AR	AR
AFJK	AR	AR
AWJN	AR	AR
SUPP	AR	AR
ZZZV	AR	AR

[Page Break]

Body

SECTION: A

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME
			Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.
			Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED05701*)
ALL			
	AGDH	A	WHEEL QUANTITY
			Definition: THE NUMBER OF WHEELS INCLUDED ON THE ITEM.
			Reply Instructions: Enter the quantity. (e.g., AGDHA6*)
ALL			
	AGDJ	A	DRIVE WHEEL QUANTITY
			Definition: THE NUMBER OF DRIVE WHEELS INCLUDED ON THE ITEM.
			Reply Instructions: Enter the quantity. (e.g., AGDJA4*)
ALL			
	AGDQ	A	STEERABLE WHEEL QUANTITY
			Definition: THE NUMBER OF STEERABLE WHEELS INCLUDED ON THE ITEM.
			Reply Instructions: Enter the quantity. (e.g., AGDQA2*)
ALL			
	BWHM	D	FRONT WHEEL TYPE
			Definition: INDICATES THE TYPE OF FRONT WHEEL(S) PROVIDED ON THE ITEM.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BWHMDDAR*)

REPLY CODE	REPLY (AK54)
DAR	LEANING
AMN	STRAIGHT

ALL

AKDJ D PRIME MOVER TYPE

Definition: INDICATES THE TYPE OF PRIME MOVER INCLUDED WITH THE UNIT.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AKDJDAC*)

REPLY CODE	REPLY (AG27)
AC	DIESEL ENGINE
AE	GASOLINE ENGINE

ALL*

ATJL G ENGINE MANUFACTURER NAME

Definition: THE NAME OF THE MANUFACTURER OF THE ENGINE FURNISHED.

Reply Instructions: Enter the reply in clear text. (e.g., ATJLGCATERPILLAR TRACTOR CO*)

ALL*

ASQF A ENGINE MODEL NUMBER

Definition: THE COMBINED GROUP OF LETTERS, NUMERALS, AND/OR SYMBOLS WHICH COMPOSE THE ASSIGNED MODEL NUMBER OF THE ENGINE.

Reply Instructions: Enter the number. (e.g., ASQFAD330*)

ALL

APP Key	MRC	Mode Code	Requirements
	BBRD	J	BLADE OVERALL LENGTH

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE BLADE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BBRDJFA10.000*; BBRDJMA3.1*; BBRDJFB8.000$$JFC10.000*)

Table 1

REPLY CODE	REPLY (AA05)
F	FEET
M	METERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

	BWHN	J	MINIMUM CLEARANCE BETWEEN CUTTING EDGE AND GROUND AT MAXIMUM BLADE ELEVATION

Definition: THE MINIMUM CLEARANCE BETWEEN THE CUTTING EDGE AND GROUND AT MAXIMUM BLADE ELEVATION.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BWHNJA15.500*; BWHNJL387.7*)

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

ALL*

	BWHP	G	BLADE MAXIMUM BANK CUTTING ANGLE IN DEG

Definition: THE MAXIMUM BANK CUTTING ANGLE OF THE BLADE, EXPRESSED IN DEGREES.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the reply in clear text. (e.g., BWHPG90 DEG RIGHT, 80 DEG LEFT*)

ALL

BWHQ D BLADE CONTROL METHOD

Definition: THE MEANS OF CONTROLLING THE BLADE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BWHQDBQX*; BWHQDBQX$DBMY*)

REPLY CODE	REPLY (AK54)
A	ANY ACCEPTABLE
BQX	HYDRAULIC
BDR	MANUAL
BMY	MECHANICAL
DGY	POSITIVE MECHANICAL W/HYDRAULIC SIDE SHIFT
DGZ	POWER OPERATED MECHANICAL

ALL

BWHR D AUTOMATIC BLADE CONTROL

Definition: AN INDICATION OF WHETHER OR NOT AN AUTOMATIC BLADE CONTROL IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BWHRDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

ALL

BWHS J BLADE PULL RATING

Definition: THE PULL FOR WHICH THE BLADE IS RATED, PER MEASUREMENT SCALE.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BWHSJPA8200.0*; BWHSJKA3690.0*; BWHSJPB250.0$$JPC300.0*)

For items that do not require a rating, change the Mode Code to K and enter Reply Code N. (e.g., BWHSKN*)

Table 1

REPLY CODE	REPLY (AB10)
K	KILOGRAMS
P	POUNDS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

BWHT D STEERING AONTROL METHOD

Definition: THE MEANS OF CONTROLLING THE STEERING.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BWHTDBMY*; BWHTDBQX$DDGW*)

REPLY CODE	REPLY (AK54)
A	ANY ACCEPTABLE
BQX	HYDRAULIC
BMY	MECHANICAL
DGT	MECHANICAL W/HYDRAULIC BOOSTER
DGW	MECHANICAL W/POWER ASSIST
DGX	POWER MECHANICAL

ALL

AGCQ J VEHICULAR TURN RADIUS

Definition: THE RADIUS OF A CIRCLE FORMED BY THE OUTERMOST PART OF A VEHICLE WHILE EXECUTING THE SHORTEST POSSIBLE TURN.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AGCQJFA38.000*; AGCQJMA11.5*; AGCQJFB45.000$$JFC50.000*)

Table 1

REPLY CODE	REPLY (AA05)
F	FEET
M	METERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

AKYN G FURNISHED ITEMS AND QUANTITY

Definition: THE NAME AND NUMBER OF THOSE PARTS FURNISHED WITH THE ITEM OF SUPPLY THAT HAVE NOT BEEN SPECIFIED ELSEWHERE.

Reply Instructions: Enter the reply in clear text. (e.g., AKYNGSCARIFIER 1*)

SECTION: B

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED06095*)

ALL			
	APGF	D	DESIGN TYPE

Definition: INDICATES THE DESIGN TYPE OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APGFDCJC*)

REPLY CODE	REPLY (AK54)
CHY	NONTILTING
CJC	TILTING

ALL			
	APHE	D	OPERATION METHOD

Definition: THE MEANS USED TO OPERATE THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APHEDHC*)

REPLY CODE	REPLY (AC58)
NW	CABLE
HC	HYDRAULIC

ALL*			
	BWHW	D	FULL TRACKED TRACTOR FRAME MOUNTING TYPE

APP
Key MRC Mode Code Requirements

Definition: INDICATES THE TYPE OF FULL TRACKED TRACTOR FRAME MOUNTING PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BWHWDDHF*)

REPLY CODE	REPLY (AK54)
DHE	INSIDE TRACK
DHF	OUTSIDE TRACK

ALL

ANCT D BLADE TYPE

Definition: INDICATES THE TYPE OF BLADE PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ANCTDBQ*)

REPLY CODE	REPLY (AJ46)
BQ	CLOSED END
BR	OPEN END

ALL

BWHX J BLADE OVERALL HEIGHT

Definition: THE DISTANCE MEASURED IN A STRAIGHT LINE FROM THE BOTTOM TO THE TOP OF THE BLADE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BWHXJAA35.000*; BWHXJLA889.0*; BWHXJAB30.000$$JAC36.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM

APP Key	MRC	Mode Code	Requirements
		C	MAXIMUM

ALL

BBRD J BLADE OVERALL LENGTH

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE BLADE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BBRDJAA165.000*; BBRDJLA4191.0*; BBRDJAB155.000$$JAC165.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

BWHZ D BLADE CUTTING EDGE REVERSIBILITY

Definition: AN INDICATION OF WHETHER OR NOT THE BLADE CUTTING EDGE IS REVERSIBLE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BWHZDB*)

REPLY CODE	REPLY (AF62)
B	NONREVERSIBLE
C	REVERSIBLE

ALL

BWJB D TRACTOR MOUNTING DESIGN FEATURE

APP
Key MRC Mode Code Requirements

Definition: AN INDICATION OF WHETHER OR NOT A TRACTOR MOUNTING DESIGN FEATURE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BWJBDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

NOTE FOR MRC BWJC: IF REPLY CODE B IS ENTERED FOR MRC BWJB, REPLY TO MRC BWJC.

ALL* (See Note Above)

BWJC J DRAWBAR PULL RATING FOR WHICH DESIGNED

Definition: THE DRAWBAR PULL RATING FOR WHICH THE ITEM IS DESIGNED.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. Precede values with the letter P, separated by a slash. (e.g., BWJCJPP17100.0/P24000.0*; BWJCJKP7695.0/P10800.0*)

REPLY CODE	REPLY (AB10)
K	KILOGRAMS
P	POUNDS

ALL

AKSL D PURPOSE FOR WHICH DESIGNED

Definition: THE PURPOSE FOR WHICH THE ITEM IS DESIGNED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AKSLDAB*)

REPLY CODE	REPLY (AG95)
AB	GENERAL
AD	PART OF
AC	SPECIFIC

APP Key	MRC	Mode Code	Requirements
	AE		USED WITH

NOTE FOR MRCS AYDS, AJKE, AND AGAV: IF REPLY CODE AC IS ENTERED FOR MRC AKSL, REPLY TO MRCS AYDS, AJKE, AND AGAV.

ALL* (See Note Above)

AYDS G END ITEM NAME

Definition: THE APPROVED ITEM NAME OR PART NAME OF THE END EQUIPMENT FOR WHICH THE ITEM IS A PART.

Reply Instructions: Enter the reply in clear text. (e.g., AYDSGTRACTOR, FULL TRACKED, LOW SPEED*)

ALL* (See Note Preceding MRC AYDS)

AJKE A END ITEM SOURCE

Definition: THE COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE OF THE GOVERNMENT AGENCY, INDUSTRIAL ORGANIZATION, OR OTHER SOURCE, WHICH CONTROLS OR MANUFACTURES THE END ITEM.

Reply Instructions: Enter the reply in clear text. (e.g., AJKEACATERPILLAR TRACTOR CO*)

ALL* (See Note Preceding MRC AYDS)

AGAV G END ITEM IDENTIFICATION

Definition: THE NATIONAL STOCK NUMBER OR THE IDENTIFICATION INFORMATION OF THE END EQUIPMENT FOR WHICH THE ITEM IS A PART.

Reply Instructions: Enter the reply in clear text.

(e.g., AGAVG3930-00-000-0000*;

AGAVGFORKLIFT TRUCK, SMITH CORPORATION, MODEL 12, TYPE A*)

SECTION: C

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED17225*)

ALL			
	SHPE	D	SHAPE

Definition: THE PHYSICAL CONFIGURATION OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., SHPEDFL*)

REPLY CODE	REPLY (AD07)
KX	CURVED
FL	FLAT

ALL			
	ABRY	J	LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF ANY OBJECT, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABRYJAA98.000*; ABRYJLA2489.2*; ABRYJAB95.000$$JAC100.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM

APP Key	MRC	Mode Code	Requirements
		C	MAXIMUM

ALL

ABGL J WIDTH

Definition: A MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABGLJAA10.000*; ABGLJLA254.0*; ABGLJAB10.000$$JAC12.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

ABNM J THICKNESS

Definition: A MEASUREMENT OF THE SMALLEST DIMENSION OF AN ITEM, IN DISTINCTION FROM LENGTH OR WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABNMJAA0.625*; ABNMJLA15.9*; ABNMJAB0.500$$JAC0.625*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM

APP Key	MRC	Mode Code	Requirements
		C	MAXIMUM

ALL

ALSQ D BEVELED FEATURE

Definition: AN INDICATION OF WHETHER OR NOT A BEVELED FEATURE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALSQDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

NOTE FOR MRC BWJD: IF REPLY CODE B IS ENTERED FOR MRC ALSQ, REPLY TO MRC BWJD.

ALL* (See Note Above)

BWJD D BEVEL TYPE

Definition: INDICATES THE TYPE OF BEVEL ON THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BWJDDH*)

REPLY CODE	REPLY (AC66)
H	DOUBLE
J	SINGLE

ALL

APTD D END TYPE

Definition: INDICATES THE TYPE OF END.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APTDDAER*; APTDDAES$$DAEW*)

REPLY CODE	REPLY (AK84)

APP Key	MRC	Mode Code	Requirements
		AER	INSIDE BEVELED
		AES	INSIDE SQUARE
		AET	OUTSIDE BEVELED
		AEW	OUTSIDE SQUARE
		AJS	OUTSIDE TAPER

ALL

AMWT D REVERSIBILITY

Definition: AN INDICATION OF WHETHER OR NOT AN ITEM IS REVERSIBLE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AMWTDB*)

REPLY CODE	REPLY (AF62)
B	NONREVERSIBLE
C	REVERSIBLE

ALL*

BWJF D SIDE FOR WHICH DESIGNED

Definition: AN INDICATION OF THE SIDE FOR WHICH THE ITEM IS DESIGNED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BWJFDAEG*)

REPLY CODE	REPLY (AJ91)
AEG	LEFT HAND SIDE
CCE	LEFT/RIGHT SIDES
AEQ	RIGHT HAND SIDE

ALL*

BWJG G CENTER TO CENTER DISTANCE BETWEEN BOLT HOLES FROM END TO END

Definition: THE CENTER TO CENTER DISTANCE BETWEEN BOLT HOLES FROM END TO END.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the reply in clear text.

(e.g., BWJGG3-3-12-21-3-3 IN.*)

If two or more lines of holes, enter the spacing for each line of holes beginning with the line nearest the centerline of the item. Separate each line of holes with a semicolon.

(e.g., BWJGG3-3-12-21-12-3-3 IN.;4-4-13-22-13-4-4 IN.*)

ALL

BCXF D BOLT HOLE SHAPE

Definition: THE PHYSICAL CONFIGURATION OF THE BOLT HOLE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BCXFDBM*; BCXFDBM$DRD*)

REPLY CODE	REPLY (AD07)
BM	OBLONG
RD	ROUND
SQ	SQUARE

NOTE FOR MRCS AGMK, ADEP, AAUB, AND BWJH: IF REPLY CODE BM IS ENTERED FOR MRC BCXF, REPLY TO MRCS AGMK AND ADEP. IF REPLY CODE RD IS ENTERED FOR MRC BCXF, REPLY TO MRC AAUB. IF REPLY CODE SQ IS ENTERED FOR MRC BCXF, REPLY TO MRC BWJH.

ALL* (See Note Above)

AGMK J HOLE LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF A HOLE, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AGMKJAA2.000*; AGMKJLA50.8*; AGMKJAB1.500$$JAC1.750*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

APP Key	MRC	Mode Code	Requirements

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL* (See Note Preceding MRC AGMK)

ADEP J HOLE WIDTH

Definition: A MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF A HOLE, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADEPJAA0.625*; ADEPJLA15.9*; ADEPJAB0.375$$JAC0.450*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL* (See Note Preceding MRC AGMK)

AAUB J HOLE DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF A HOLE, AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AAUBJAA0.506*; AAUBJLA12.9*; AAUBJAB0.500$$JAC0.600*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

APP Key	MRC	Mode Code	Requirements

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL* (See Note Preceding MRC AGMK)

BWJH J HOLE WIDTH ACROSS FLATS

Definition: THE SHORTEST STRAIGHT LINE BETWEEN FLATS, PERPENDICULAR TO THE HEIGHT OF THE HOLE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BWJHJAA0.750*; BWJHJLA17.8*; BWJHJAB0.650$$JAC0.700*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

BWJJ D COUNTERSUNK BOLT HOLE

Definition: AN INDICATION OF WHETHER OR NOT A COUNTERSUNK BOLT HOLE(S) IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BWJJDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

APP Key	MRC	Mode Code	Requirements

ALL

BWJK D BOLT TYPE FOR WHICH DESIGNED

Definition: INDICATES THE TYPE OF BOLT FOR WHICH THE ITEM IS DESIGNED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BWJKDDHH*; BWJKDDHH$DDHJ*)

REPLY CODE	REPLY (AK54)
AQX	BOLT
DHG	CARRIAGE
DHH	FLAT HEAD
DHJ	MACHINE BOLT
DEN	MACHINE SCREW
DHL	PLOW
DHM	SQUARE NECK

ALL*

BWJL G BOLT SIZE FOR WHICH DESIGNED

Definition: DESIGNATES THE BOLT SIZE FOR WHICH THE ITEM IS DESIGNED.

Reply Instructions: Enter the reply in clear text. (e.g., BWJLG0.875 IN. NO. 3*)

ALL*

AAFS D APPLICATION DESIGN

Definition: THE PRIMARY APPLICATION FOR WHICH THE ITEM IS DESIGNED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AAFSDCS*; AAFSDCS$DCT*)

REPLY CODE	REPLY (AA25)
CR	ANGLEDOZER
CS	BULLDOZER
CT	GRADER
CW	SNOWPLOW

SECTION: D

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED06333*)

ALL

APGF	D	DESIGN TYPE

Definition: INDICATES THE DESIGN TYPE OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APGFDCHT*)

REPLY CODE	REPLY (AK54)
DHN	ROTARY DRAG
DHK	SLIP
CHT	WHEELED

NOTE FOR MRCS AGDH AND ALRE: IF REPLY CODE CHT IS ENTERED FOR MRC APGF, REPLY TO MRCS AGDH AND ALRE.

ALL* (See Note Above)

AGDH	A	WHEEL QUANTITY

Definition: THE NUMBER OF WHEELS INCLUDED ON THE ITEM.

Reply Instructions: Enter the quantity. (e.g., AGDHA4*)

ALL* (See Note Preceding MRC AGDH)

ALRE	D	TIRE TYPE

Definition: INDICATES THE TYPE OF TIRE(S) PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALREDAD*)

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY (AH67)
AD	PNEUMATIC
AC	STEEL

ALL

BWJM D SCOOP OPERATION METHOD

Definition: THE MEANS UTILIZED TO OPERATE THE SCOOP.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BWJMDHC*)

REPLY CODE	REPLY (AC58)
NW	CABLE
HC	HYDRAULIC

ALL

BWHY J SCOOP CUT WIDTH

Definition: A MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF THE CUT FOR WHICH THE SCOOP IS DESIGNED, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BWHYJAA120.000*; BWHYJLA3048.0*; BWHYJAB96.000$$JAC102.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

APP Key	MRC	Mode Code	Requirements
	BXSP	J	SCOOP MAXIMUM CUT DEPTH

Definition: THE MAXIMUM CUT DEPTH FOR WHICH THE SCOOP IS DESIGNED.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BXSPJA11.500*; BXSPJL292.1*)

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

ALL

	BXSQ	J	SCOOP STRUCK CAPACITY

Definition: THE STRUCK CAPACITY FOR WHICH THE SCOOP IS RATED.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BXSQJH8.300*; BXSQJE6.3*)

REPLY CODE	REPLY (AD42)
E	CUBIC METERS
H	CUBIC YARDS

ALL

	BXSR	D	SCOOP BOWL TYPE

Definition: INDICATES THE TYPE OF SCOOP BOWL PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BXSRDAJN*)

REPLY CODE	REPLY (AK54)
AJN	CLOSED
AJP	OPEN

ALL

	BXSS	J	MAXIMUM SPREAD DEPTH

APP Key	MRC	Mode Code	Requirements

Definition: THE DEPTH OF SPREAD FOR WHICH THE ITEM IS DESIGNED.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BXSSJA14.500*; BXSSJL368.3*)

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

ALL

BXST J HAULING GROUND CLEARANCE

Definition: A MEASUREMENT OF THE CLEARANCE BETWEEN THE BOTTOM OF THE ITEM AND THE GROUND WHEN HAULING.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BXSTJA12.500*; BXSTJL304.8*)

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

ALL

AGCQ J VEHICULAR TURN RADIUS

Definition: THE RADIUS OF A CIRCLE FORMED BY THE OUTERMOST PART OF A VEHICLE WHILE EXECUTING THE SHORTEST POSSIBLE TURN.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AGCQJFA21.000*; AGCQJMA6.4*; AGCQJFB22.000$$JFC23.000*)

Table 1

REPLY CODE	REPLY (AA05)
F	FEET
M	METERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM

APP Key	MRC	Mode Code	Requirements
	C		MAXIMUM
ALL*			
	AKYN	G	FURNISHED ITEMS AND QUANTITY

Definition: THE NAME AND NUMBER OF THOSE PARTS FURNISHED WITH THE ITEM OF SUPPLY THAT HAVE NOT BEEN SPECIFIED ELSEWHERE.

Reply Instructions: Enter the reply in clear text.

(e.g., AKYNGA-FRAME 1*)

SECTION: F

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED21575)

ALL			
	APGF	D	DESIGN TYPE

Definition: INDICATES THE DESIGN TYPE OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APGFDDHA*)

REPLY CODE	REPLY (AK54)
DHA	SWINGING BOOM
DHB	VERTICAL LIFT FRONT DUMP

NOTE FOR MRC ALMS: IF REPLY CODE DHA IS ENTERED FOR MRC APGF, REPLY TO MRC ALMS.

ALL* (See Note Above)			
	ALMS	A	SWING ANGLE IN DEG

Definition: THE SWING ANGLE OF THE ITEM, EXPRESSED IN DEGREES.

Reply Instructions: Enter the numeric value. (e.g., ALMSA180*)

ALL			
	ALSC	J	SAFE OPERATING LOAD RATING

Definition: THE SAFE OPERATING LOAD FOR WHICH THE ITEM IS DESIGNED TO ACCOMMODATE.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ALSCJPA5000.0*; ALSCJKA2250.0*; ALSCJPB5500.0$$JPC6000.0*)

Table 1

REPLY CODE	REPLY (AB16)
K	KILOGRAMS
P	POUNDS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

BXSX J MAXIMUM DUMPING CLEARANCE

Definition: THE MAXIMUM CLEARANCE IN A FORWARD DUMPING POSITION.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BXSXJF9.000*; BXSXJM2.7*)

REPLY CODE	REPLY (AA05)
F	FEET
M	METERS

ALL

BXSY J SAE BUCKET CAPACITY RATING

Definition: THE BUCKET CAPACITY AS RATED BY THE SOCIETY OF AUTOMOTIVE ENGINEERS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BXSYJHA3.000*; BXSYJEA2.3*; BXSYJHB2.000$$JHC2.500*)

For items that do not require a rating, change the Mode Code to K and enter Reply Code N. (e.g., BXSYKN*)

APP Key	MRC	Mode Code	Requirements

Table 1

REPLY CODE	REPLY (AD42)
E	CUBIC METERS
H	CUBIC YARDS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

BXSZ J BUCKET WIDTH

Definition: A MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF THE BUCKET, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BXSZJAA52.000*; BXSZJLA1320.8*; BXSZJAB48.000$$JAC52.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

BXTB D BUCKET TYPE

Definition: INDICATES THE TYPE OF BUCKET PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BXTBDASG*; BXTBDASG$DDHC*)

REPLY	REPLY (AK54)

APP Key	MRC	Mode Code	Requirements

CODE	
A	ANY ACCEPTABLE General Purpose (use Reply Code ASG)
DHC	MULTIPURPOSE Multisegment (use Reply Code DHC)
ASG	STANDARD

ALL

AKDJ D PRIME MOVER TYPE

Definition: INDICATES THE TYPE OF PRIME MOVER INCLUDED WITH THE UNIT.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AKDJDAC*)

REPLY CODE	REPLY (AG27)
AC	DIESEL ENGINE
AE	GASOLINE ENGINE

ALL*

ATJL G ENGINE MANUFACTURER NAME

Definition: THE NAME OF THE MANUFACTURER OF THE ENGINE FURNISHED.

Reply Instructions: Enter the reply in clear text. (e.g., ATJLGCONTINENTAL MOTORS CORP*)

ALL*

ASQF A ENGINE MODEL NUMBER

Definition: THE COMBINED GROUP OF LETTERS, NUMERALS, AND/OR SYMBOLS WHICH COMPOSE THE ASSIGNED MODEL NUMBER OF THE ENGINE.

Reply Instructions: Enter the number. (e.g., ASQFADT429*)

ALL

BXTC D HYDRAULIC TORQUE CONVERTER

APP Key	MRC	Mode Code	Requirements

TRANSMISSION

Definition: AN INDICATION OF WHETHER OR NOT A HYDRAULIC TORQUE CONVERTER TRANSMISSION IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BXTCDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

ALL

BXTD D HINGED FRAME STEERING SYSTEM

Definition: AN INDICATION OF WHETHER OR NOT A HINGED FRAME STEERING SYSTEM IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BXTDDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

ALL

AGDH A WHEEL QUANTITY

Definition: THE NUMBER OF WHEELS INCLUDED ON THE ITEM.

Reply Instructions: Enter the quantity. (e.g., AGDHA4*)

ALL

AGDJ A DRIVE WHEEL QUANTITY

Definition: THE NUMBER OF DRIVE WHEELS INCLUDED ON THE ITEM.

Reply Instructions: Enter the quantity. (e.g., AGDJA4*)

APP Key	MRC	Mode Code	Requirements

NOTE FOR MRC BXTF: IF 4 WHEEL DRIVE IS ENTERED FOR MRC AGDJ, REPLY TO MRC BXTF.

ALL* (See Note Above)

BXTF D PLANETARY TYPE AXLE

Definition: AN INDICATION OF WHETHER OR NOT A PLANETARY TYPE AXLE(S) IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BXTFDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

ALL*

AGDQ A STEERABLE WHEEL QUANTITY

Definition: THE NUMBER OF STEERABLE WHEELS INCLUDED ON THE ITEM.

Reply Instructions: Enter the quantity. (e.g., AGDQA4*)

NOTE FOR MRC AGDS: IF QUANTITY OF 4 IS ENTERED FOR MRC AGDQ, REPLY TO MRC AGDS.

ALL* (See Note Above)

AGDS D STEERING TYPE

Definition: INDICATES THE TYPE OF STEERING MECHANISM PROVIDED ON THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AGDSDJ*)

REPLY CODE	REPLY (AE83)
A	ANY ACCEPTABLE
J	OBLIQUE
K	SYNCHRONIZED

APP Key	MRC	Mode Code	Requirements

ALL

ALRE D TIRE TYPE

Definition: INDICATES THE TYPE OF TIRE(S) PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALREDAD*)

REPLY CODE	REPLY (AH67)
A	ANY ACCEPTABLE
AD	PNEUMATIC
AC	STEEL

ALL

AGCQ J VEHICULAR TURN RADIUS

Definition: THE RADIUS OF A CIRCLE FORMED BY THE OUTERMOST PART OF A VEHICLE WHILE EXECUTING THE SHORTEST POSSIBLE TURN.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AGCQJFA15.000*; AGCQJMA4.6*; AGCQJFB18.000$$JFC20.000*)

Table 1

REPLY CODE	REPLY (AA05)
F	FEET
M	METERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

BYNX J SPEED RANGE

Definition: THE MINIMUM TO MAXIMUM SPEED OF THE ITEM.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric values. Precede values with the letter P, separated by a slash. (e.g., BYNXJDDP1.0/P12.0*; BYNXJHNP1.6/P19.3*)

REPLY CODE	REPLY (AJ20)
HN	KILOMETERS PER HOUR
DD	MILES PER HOUR

ALL

BXTG D CLOSED CAB

Definition: AN INDICATION OF WHETHER OR NOT A CLOSED CAB IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BXTGDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

NOTE FOR MRC AKYN: ITEMS ENTERED IN REPLY TO MRC AKYN SHOULD BE OF SUCH LOGISTICAL SIGNIFICANCE TO WARRANT ASSIGNMENT OF DIFFERENT NATIONAL STOCK NUMBERS.

ALL* (See Note Above)

AKYN G FURNISHED ITEMS AND QUANTITY

Definition: THE NAME AND NUMBER OF THOSE PARTS FURNISHED WITH THE ITEM OF SUPPLY THAT HAVE NOT BEEN SPECIFIED ELSEWHERE.

Reply Instructions: Enter the reply in clear text. (e.g., AKYNGFORK LIFT 1*)

SECTION: G

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED22595*)

ALL*			
	BXTH	J	BUCKET CAPACITY

Definition: THE RATED CAPACITY THAT THE BUCKET WILL ACCOMMODATE.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BXTHJH3.0*; BXTHJE2.3*)

REPLY CODE	REPLY (AD42)
E	CUBIC METERS
H	CUBIC YARDS

ALL			
	BXTB	D	BUCKET TYPE

Definition: INDICATES THE TYPE OF BUCKET PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BXTBDDHZ*)

If loader is furnished with more than one type of bucket, enter reply for the secondary operation bucket(s) in MRC AKYN.

REPLY CODE	REPLY (AK54)
DHZ	DRAG General Purpose (use Reply Code ASG)
DJA	LIGHT MATERIALS
DHC	MULTIPURPOSE Multisegment (use Reply Code DHC)
DJB	ROCK
DJC	SNOW

APP Key	MRC	Mode Code	Requirements
		ASG	STANDARD

ALL

BXSZ J BUCKET WIDTH

Definition: A MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF THE BUCKET, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BXSZJAA71.000*; BXSZJLA1803.4*; BXSZJAB68.000$$JAC70.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

BXTJ D BUCKET DISCHARGE METHOD

Definition: THE MEANS PROVIDED FOR THE BUCKET DISCHARGE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BXTJDABC*)

REPLY CODE	REPLY (AJ91)
ABC	FRONT
ABJ	REAR
ACZ	SIDE

ALL

BXSX J MAXIMUM DUMPING CLEARANCE

APP Key	MRC	Mode Code	Requirements

Definition: THE MAXIMUM CLEARANCE IN A FORWARD DUMPING POSITION.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BXSXJF8.000*; BXSXJM2.4*)

REPLY CODE	REPLY (AA05)
F	FEET
M	METERS

ALL

BXTK J MAXIMUM LIFTING CAPACITY

Definition: THE MAXIMUM WEIGHT THAT THE ITEM IS DESIGNED TO LIFT.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BXTKJP7500.0*; BXTKJK3375.0*)

REPLY CODE	REPLY (AB10)
K	KILOGRAMS
P	POUNDS

ALL

AKDJ D PRIME MOVER TYPE

Definition: INDICATES THE TYPE OF PRIME MOVER INCLUDED WITH THE UNIT.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AKDJDAE*)

REPLY CODE	REPLY (AG27)
AC	DIESEL ENGINE
AE	GASOLINE ENGINE

ALL*

ATJL G ENGINE MANUFACTURER NAME

APP Key	MRC	Mode Code	Requirements

Definition: THE NAME OF THE MANUFACTURER OF THE ENGINE FURNISHED.

Reply Instructions: Enter the reply in clear text. (e.g., ATJLGINTERNATIONAL HARVESTER CO*)

ALL*

ASQF A ENGINE MODEL NUMBER

Definition: THE COMBINED GROUP OF LETTERS, NUMERALS, AND/OR SYMBOLS WHICH COMPOSE THE ASSIGNED MODEL NUMBER OF THE ENGINE.

Reply Instructions: Enter the number. (e.g., ASQFAD282*)

ALL*

AYMZ G MAXIMUM ENGINE HORSEPOWER/RPM RATING

Definition: THE MAXIMUM ENGINE HORSEPOWER GENERATED AT RECOMMENDED REVOLUTIONS PER MINUTE.

Reply Instructions: Enter the reply in clear text. (e.g., AYMZG52 MAX BHP AT 1500 RPM*)

ALL

AXJD D TRANSMISSION TYPE

Definition: INDICATES THE TYPE OF TRANSMISSION USED TO TRANSFER DEVELOPED MECHANICAL ENERGY TO THE DRIVE UNIT.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AXJDDAAP*)

REPLY CODE	REPLY (AM54)
AAE	CONVENTIONAL
AAP	FULL POWER SHIFT TORQUE CONVERTER
AAQ	POWER SHIFT
AAR	POWER SHIFT W/TORQUE CONVERTER
AAD	TORQUE CONVERTER

APP Key	MRC	Mode Code	Requirements

ALL

AXJH A FORWARD SPEED QUANTITY

Definition: THE NUMBER OF FORWARD SPEEDS PROVIDED.

Reply Instructions: Enter the quantity. (e.g., AXJHA4*)

ALL

ATWQ A REVERSE SPEED QUANTITY

Definition: THE NUMBER OF REVERSE SPEEDS PROVIDED.

Reply Instructions: Enter the quantity. (e.g., ATWQA2*)

ALL

BXTL D CAB

Definition: AN INDICATION OF WHETHER OR NOT A CAB IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BXTLDC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

NOTE FOR MRC AKYN: ITEMS ENTERED IN REPLY TO MRC AKYN SHOULD BE OF SUCH LOGISTICAL SIGNIFICANCE TO WARRANT ASSIGNMENT OF DIFFERENT NATIONAL STOCK NUMBERS.

ALL* (See Note Above)

AKYN G FURNISHED ITEMS AND QUANTITY

Definition: THE NAME AND NUMBER OF THOSE PARTS FURNISHED WITH THE ITEM OF SUPPLY THAT HAVE NOT BEEN SPECIFIED ELSEWHERE.

Reply Instructions: Enter the reply in clear text. (e.g., AKYNGBULLDOZER BLADE, 1*)

SECTION: H

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED06331*)

ALL			
	APGF	D	DESIGN TYPE

Definition: INDICATES THE DESIGN TYPE OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APGFDDKD*)

REPLY CODE	REPLY (AK54)
DKD	OVERHEAD DUMP
DHB	VERTICAL LIFT FRONT DUMP

ALL			
	BXTM	J	DISCHARGE MAXIMUM HEIGHT

Definition: THE MAXIMUM HEIGHT AT WHICH THE ITEM IS DESIGNED TO DISCHARGE.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BXTMJF7.000*; BXTMJM2.1*)

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

ALL			
	APHE	D	OPERATION METHOD

Definition: THE MEANS USED TO OPERATE THE ITEM.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APHEDHC*)

REPLY CODE	REPLY (AC58)
NW	CABLE
HC	HYDRAULIC

ALL

BXTN J SCOOP CAPACITY

Definition: THE RATED LOAD THAT THE SCOOP WILL ACCOMMODATE.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BXTNJH0.750*; BXTNJE0.6*)

REPLY CODE	REPLY (AD42)
E	CUBIC METERS
H	CUBIC YARDS

NOTE FOR MRC AKYN: ITEMS ENTERED IN REPLY TO MRC AKYN SHOULD BE OF SUCH LOGISTICAL SIGNIFICANCE TO WARRANT ASSIGNMENT OF DIFFERENT NATIONAL STOCK NUMBERS.

ALL* (See Note Above)

AKYN G FURNISHED ITEMS AND QUANTITY

Definition: THE NAME AND NUMBER OF THOSE PARTS FURNISHED WITH THE ITEM OF SUPPLY THAT HAVE NOT BEEN SPECIFIED ELSEWHERE.

Reply Instructions: Enter the reply in clear text. (e.g., AKYNGCAB 1*)

SECTION: J

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED05709*)

ALL			
	APBQ	D	INCLOSURE

Definition: AN INDICATION OF WHETHER OR NOT AN INCLOSURE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APBQDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

ALL			
	AAXX	D	MOUNTING TYPE

Definition: INDICATES THE TYPE OF MOUNT UTILIZED TO SUPPORT THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AAXXDCG*)

REPLY CODE	REPLY (AA78)
EK	CRAWLER
CG	TRUCK
AU	WHEEL

NOTE FOR MRCS BMGG AND BXTQ: IF REPLY CODE CG IS ENTERED FOR MRC AAXX, REPLY TO MRCS BMGG AND BXTQ.

APP Key	MRC	Mode Code	Requirements

ALL* (See Note Above)

BMGG G TRUCK MANUFACTURER NAME

Definition: THE NAME OF THE MANUFACTURER OF THE TRUCK.

Reply Instructions: Enter the reply in clear text. (e.g., BMGGGGENERAL MOTORS CORP*)

ALL* (See Note Preceding MRC BMGG)

BXTQ G TRUCK MODEL NUMBER

Definition: THE COMBINED GROUP OF LETTERS, NUMERALS, AND/OR SYMBOLS WHICH COMPOSE THE ASSIGNED MODEL NUMBER OF THE TRUCK.

Reply Instructions: Enter the reply in clear text. (e.g., BXTQG354.0*)

ALL

AKDJ D PRIME MOVER TYPE

Definition: INDICATES THE TYPE OF PRIME MOVER INCLUDED WITH THE UNIT.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AKDJDAC*)

REPLY CODE	REPLY (AG27)
AC	DIESEL ENGINE
AE	GASOLINE ENGINE

ALL*

ATJL G ENGINE MANUFACTURER NAME

Definition: THE NAME OF THE MANUFACTURER OF THE ENGINE FURNISHED.

Reply Instructions: Enter the reply in clear text. (e.g., ATJLGCONTINENTAL MOTORS CORP*)

ALL*

APP Key	MRC	Mode Code	Requirements
	ASQF	A	ENGINE MODEL NUMBER

Definition: THE COMBINED GROUP OF LETTERS, NUMERALS, AND/OR SYMBOLS WHICH COMPOSE THE ASSIGNED MODEL NUMBER OF THE ENGINE.

Reply Instructions: Enter the model number.

(e.g., ASQFAMS-330*)

ALL

	BGXY	D	CONVEYOR TYPE

Definition: INDICATES THE TYPE OF CONVEYOR PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BGXYDCG*)

REPLY CODE	REPLY (AK97)
CF	ENDLESS BELT
CG	ENDLESS CHAIN

ALL

	BXTM	J	DISCHARGE MAXIMUM HEIGHT

Definition: THE MAXIMUM HEIGHT AT WHICH THE ITEM IS DESIGNED TO DISCHARGE.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BXTMJF8.000*; BXTMJM2.4*)

REPLY CODE	REPLY (AA05)
F	FEET
M	METERS

ALL

	BXSZ	J	BUCKET WIDTH

Definition: A MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF THE BUCKET, IN DISTINCTION FROM THICKNESS.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BXSZJAA19.500*; BXSZJLA495.3*; BXSZJAB18.000$$JAC18.500*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

BXTR J CENTER TO CENTER DISTANCE BETWEEN SPROCKETS

Definition: THE CENTER TO CENTER DISTANCE BETWEEN THE SPROCKETS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BXTRJFA27.000*; BXTRJMA8.2*; BXTRJFB27.500$$JFC28.000*)

Table 1

REPLY CODE	REPLY (AA05)
F	FEET
M	METERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

ATYX J CAPACITY RATING

Definition: THE RATED CAPACITY OF THE ITEM.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., ATYXJHS3.000*; ATYXJHD2.3*)

For items that do not require a rating, change the Mode Code to K and enter Reply Code N. (e.g., ATYXKN*)

REPLY CODE	REPLY (AG67)
HD	CUBIC METERS PER MINUTE
HS	CUBIC YARDS PER MINUTE

NOTE FOR MRC AKYN: ITEMS ENTERED IN REPLY TO MRC AKYN SHOULD BE OF SUCH LOGISTICAL SIGNIFICANCE TO WARRANT ASSIGNMENT OF DIFFERENT NATIONAL STOCK NUMBERS.

ALL* (See Note Above)

AKYN G FURNISHED ITEMS AND QUANTITY

Definition: THE NAME AND NUMBER OF THOSE PARTS FURNISHED WITH THE ITEM OF SUPPLY THAT HAVE NOT BEEN SPECIFIED ELSEWHERE.

Reply Instructions: Enter the reply in clear text. (e.g., AKYNGAGGREGATE LOADING ATTACHMENT 1*)

SECTION: K

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED05708*)

ALL			
	AAXX	D	MOUNTING TYPE

Definition: INDICATES THE TYPE OF MOUNT UTILIZED TO SUPPORT THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AAXXDAU*)

REPLY CODE	REPLY (AA78)
EK	CRAWLER
AU	WHEEL

NOTE FOR MRC BNXM: IF REPLY CODE AU IS ENTERED FOR MRC AAXX, REPLY TO MRC BNXM.

ALL* (See Note Above)			
	BNXM	D	AXLE TYPE

Definition: INDICATES THE TYPE OF AXLE PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BNXMDDJH*)

REPLY CODE	REPLY (AK54)
DJH	PLANETARY
AMN	STRAIGHT

ALL

APP Key	MRC	Mode Code	Requirements
	APGF	D	DESIGN TYPE

Definition: INDICATES THE DESIGN TYPE OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APGFDDJN*)

REPLY CODE	REPLY (AK54)
DJN	LADDER
BTK	WHEEL

ALL

	AKDJ	D	PRIME MOVER TYPE

Definition: INDICATES THE TYPE OR PRIME MOVER INCLUDED WITH THE UNIT.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AKDJDAC*)

REPLY CODE	REPLY (AG27)
AC	DIESEL ENGINE
AE	GASOLINE ENGINE

ALL*

	ATJL	G	ENGINE MANUFACTURER NAME

Definition: THE NAME OF THE MANUFACTURER OF THE ENGINE FURNISHED.

Reply Instructions: Enter the reply in clear text. (e.g., ATJLGGENERAL MOTORS CORP*)

ALL*

	ASQF	A	ENGINE MODEL NUMBER

Definition: THE COMBINED GROUP OF LETTERS, NUMERALS, AND/OR SYMBOLS WHICH COMPOSE THE ASSIGNED MODEL NUMBER OF THE ENGINE.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the number.

(e.g., ASQFA3-53*)

ALL

BXTS D DEPTH CONTROL OPERATION METHOD

Definition: THE MEANS USED FOR OPERATING THE DEPTH CONTROL.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BXTSDDJP*)

REPLY CODE	REPLY (AK54)
BDR	MANUAL
DJP	POWER

ALL

BXTT D DISCHARGE FACILITY TYPE

Definition: INDICATES THE TYPE OF FACILITY UTILIZED FOR DISCHARGING.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BXTTDDJR*)

REPLY CODE	REPLY (AK54)
FSZ	AUGER
DJQ	CHUTE
DJR	CONVEYOR

ALL

AJMF D DISCHARGE DIRECTION

Definition: THE DIRECTION IN WHICH THE ITEM DISCHARGES DURING OPERATION.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AJMFDS*; AJMFDS$DR*)

REPLY CODE	REPLY (AC60)

APP Key	MRC	Mode Code	Requirements
		S	LEFT
		R	RIGHT

ALL*

BXTW J DISCHARGE FACILITY LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF THE DISCHARGE FACILITY, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BXTWJFA3.000*; BXTWJMA0.9*; BXTWJFB4.000$$JFC4.500*)

Table 1

REPLY CODE	REPLY (AA05)
F	FEET
M	METERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

BXTX J DISCHARGE FACILITY WIDTH

Definition: A MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF THE DISCHARGE FACILITY, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BXTXJFA2.000*; BXTXJMA0.6*; BXTXJFB1.750$$JFC2.000*)

Table 1

REPLY CODE	REPLY (AA05)
F	FEET
M	METERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL

APP Key	MRC	Mode Code	Requirements
		B	MINIMUM
		C	MAXIMUM

ALL*

BXTY J DISCHARGE FACILITY DUMPING HEIGHT

Definition: A MEASUREMENT FROM THE BOTTOM TO THE TOP OF THE DISCHARGE FACILITY IN THE DUMPING POSITION, IN DISTINCTION FROM DEPTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BXTYJFA10.000*; BXTYJMA3.1*; BXTYJFB9.000$$JFC10.000*)

Table 1

REPLY CODE	REPLY (AA05)
F	FEET
M	METERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

BXTZ J MAXIMUM CUT DEPTH

Definition: AN INDICATION OF THE MAXIMUM CUT DEPTH.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BXTZJA54.000*; BXTZJL1371.6*)

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

ALL

BBFT J CUT MAXIMUM WIDTH

APP Key	MRC	Mode Code	Requirements

Definition: THE MAXIMUM MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF THE CUT OF THE ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BBFTJA24.000*; BBFTJL609.6*)

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

ALL

BXWB J CUT MINIMUM WIDTH

Definition: THE MINIMUM MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF THE CUT.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BXWBJA12.000*; BXWBJL304.8*)

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

ALL

BXWC J MAXIMUM DIGGING SPEED

Definition: THE MAXIMUM DIGGING SPEED AT WHICH THE ITEM IS DESIGNED TO OPERATE.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BXWCJDQ345.000*; BXWCJEK105.2*)

REPLY CODE	REPLY (AB49)
DQ	FEET PER MINUTE
EK	METERS PER MINUTE

ALL*

APP Key	MRC	Mode Code	Requirements
	AKYN	G	FURNISHED ITEMS AND QUANTITY

Definition: THE NAME AND NUMBER OF THOSE PARTS FURNISHED WITH THE ITEM OF SUPPLY THAT HAVE NOT BEEN SPECIFIED ELSEWHERE.

Reply Instructions: Enter the reply in clear text. (e.g., AKYNGHEAT TREATED SPECIAL TEETH FOR DIGGING IN HARD GROUND, 1 SET*)

SECTION: L

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED06501*)

ALL			
	BXWD	D	TRACTOR TYPE FOR WHICH DESIGNED

Definition: INDICATES THE TYPE OF TRACTOR FOR WHICH THE ITEM IS DESIGNED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BXWDDDJS*)

REPLY CODE	REPLY (AK54)
DJS	FULL TRACKED, LOW SPEED
DJT	WHEELED, INDUSTRIAL

ALL			
	BWJC	J	DRAWBAR PULL RATING FOR WHICH DESIGNED

Definition: THE DRAWBAR PULL RATING FOR WHICH THE ITEM IS DESIGNED.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric values. Precede values with the letter P, separated by a slash. (e.g., BWJCJPP17100.0/P24000.0*; BWJCJKP7695.0/P10800.0*)

REPLY CODE	REPLY (AB10)
K	KILOGRAMS
P	POUNDS

ALL

APP Key	MRC	Mode Code	Requirements
	AYQM	D	MOUNTING LOCATION

Definition: INDICATES THE MOUNTING LOCATION FOR WHICH THE ITEM IS DESIGNED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AYQMDABC*)

REPLY CODE	REPLY (AJ91)
ABC	FRONT
ABJ	REAR

ALL

	AMWT	D	REVERSIBILITY

Definition: AN INDICATION OF WHETHER OR NOT AN ITEM IS REVERSIBLE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AMWTDB*)

REPLY CODE	REPLY (AF62)
B	NONREVERSIBLE
C	REVERSIBLE

ALL

	BKXM	A	DRUM QUANTITY

Definition: THE NUMBER OF DRUMS PROVIDED.

Reply Instructions: Enter the quantity. (e.g., BKXMA2*)

ALL

	AJKL	J	DRUM DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF A DRUM, AND TERMINATES AT THE CIRCUMFERENCE.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AJKLJAA8.000*; AJKLJLA203.2*; AJKLJAB7.500$$JAC8.125*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

BGLJ J DRUM LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF A DRUM, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BGLJJAA14.125*; BGLJJLA358.8*; BGLJJAB15.000$$JAC15.500*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

BXWF J DRUM FLANGE DIAMETER

APP Key	MRC	Mode Code	Requirements

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF THE DRUM FLANGE, AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BXWFJAA18.000*; BXWFJLA457.2*; BXWFJAB16.500$$JAC17.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

BXWG G DRUM CABLE CAPACITY

Definition: THE CAPACITY OF THE DRUM CABLE.

Reply Instructions: Enter the reply in clear text. Separate multiple replies with the word AND. (e.g., BXWGG310 FT OF 7/8 IN.*; BXWGG325 FT OF 1/2 IN. AND 200 FT OF 3/4 IN.*)

ALL*

BXWH G MAXIMUM LINE PULL

Definition: AN INDICATION OF THE MAXIMUM LINE PULL.

Reply Instructions: Enter the reply in clear text. (e.g., BXWHG21,900 LB AT 107 FT PER MIN*)

ALL

BXWJ J LINE SPEED RANGE

Definition: THE LINE SPEED RANGE FOR WHICH THE ITEM IS RATED.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric values. Precede values with the letter P, separated by a slash. (e.g., BXWJJDQP107.0/P272.0*; BXWJJEKP12.6/P83.0*)

For items that do not require a rating, change the Mode Code to K and enter Reply Code N. (e.g., BXWJKN*)

REPLY CODE	REPLY (AB49)
DQ	FEET PER MINUTE
EK	METERS PER MINUTE

ALL

AKSL D PURPOSE FOR WHICH DESIGNED

Definition: THE PURPOSE FOR WHICH THE ITEM IS DESIGNED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AKSLDAC*)

REPLY CODE	REPLY (AG95)
AB	GENERAL
AD	PART OF
AC	SPECIFIC
AE	USED WITH

NOTE FOR MRC AYDS, AJKE, AND AGAV: IF OTHER THAN REPLY CODE AB IS ENTERED FOR MRC AKSL, REPLY TO MRCS AYDS, AJKE, AND AGAV.

ALL* (See Note Above)

AYDS G END ITEM NAME

Definition: THE APPROVED ITEM NAME OR PART NAME OF THE END EQUIPMENT FOR WHICH THE ITEM IS A PART.

Reply Instructions: Enter the reply in clear text. (e.g., AYDSGTRACTOR, FULL TRACKED, LOW SPEED*)

ALL* (See Note Preceding MRC AYDS)

AJKE A END ITEM SOURCE

APP Key	MRC	Mode Code	Requirements

Definition: THE COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE OF THE GOVERNMENT AGENCY, INDUSTRIAL ORGANIZATION, OR OTHER SOURCE, WHICH CONTROLS OR MANUFACTURES THE END ITEM.

Reply Instructions: Enter the reply in clear text. (e.g., AJKEACATERPILLAR TRACTOR CO*)

ALL* (See Note Preceding MRC AYDS)

AGAV G END ITEM IDENTIFICATION

Definition: THE NATIONAL STOCK NUMBER OR THE IDENTIFICATION INFORMATION OF THE END EQUIPMENT FOR WHICH THE ITEM IS A PART.

Reply Instructions: Enter the reply in clear text.

(e.g., AGAVG3930-00-000-0000*;

AGAVGFORKLIFT TRUCK, SMITH CORPORATION, MODEL 12, TYPE A*)

SECTION: M

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED05740*)

MB

BXWK	D	DUMP TYPE

Definition: INDICATES THE TYPE OF DUMP.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BXWKDDJY*)

REPLY CODE	REPLY (AK54)
DJY	BOTTOM
DJZ	SLIDING BOWL BOTTOM
DKA	TWO WAY SIDE

ALL

AAXX	D	MOUNTING TYPE

Definition: INDICATES THE TYPE OF MOUNT UTILIZED TO SUPPORT THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AAXXDAU*)

REPLY CODE	REPLY (AA78)
EK	CRAWLER
AU	WHEEL

NOTE FOR MRCS AGDH AND ALRE: IF REPLY CODE AU IS ENTERED FOR MRC AAXX, REPLY TO MRCS AGDH AND ALRE.

APP Key	MRC	Mode Code	Requirements

ALL* (See Note Above)

AGDH A WHEEL QUANTITY

Definition: THE NUMBER OF WHEELS INCLUDED ON THE ITEM.

Reply Instructions: Enter the quantity. (e.g., AGDHA2*)

ALL* (See Note Preceding MRC AGDH)

ALRE D TIRE TYPE

Definition: INDICATES THE TYPE OF TIRE(S) PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALREDAD*)

REPLY CODE	REPLY (AH67)
AD	PNEUMATIC
AB	SOLID RUBBER

MA

AAFZ D BODY MATERIAL

Definition: THE BASIC MATERIAL OF WHICH THE BODY IS FABRICATED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AAFZDST0000*)

REPLY CODE	REPLY (AD09)
A	ANY ACCEPTABLE
ST0000	STEEL

MA*

BXWL D BODY DUMP TYPE

Definition: INDICATES THE BODY DUMP TYPE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BXWLDDKB*)

APP
Key MRC Mode Code Requirements

REPLY CODE	REPLY (AK54)
DKB	HOPPER
CJC	TILTING

NOTE FOR MRC BLMW: IF REPLY CODE DKB OR CJC IS ENTERED FOR MRC BXWL, REPLY TO MRC BLMW.

MA* (See Note Above)

BLMW D DISCHARGE OPENING LOCATION

Definition: INDICATES THE LOCATION OF THE DISCHARGE OPENING ON THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BLMWDABA*)

REPLY CODE	REPLY (AJ91)
ABA	BOTTOM
ABB	END
ACZ	SIDE

ALL

BXWN D DUMP MECHANISM OPERATION METHOD

Definition: THE MEANS USED TO OPERATE THE DUMP MECHANISM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BXWNDBDR*)

REPLY CODE	REPLY (AK54)
CHB	CABLE
BQX	HYDRAULIC
BDR	MANUAL
CCB	PNEUMATIC

ALL

ABHP J OVERALL LENGTH

APP Key	MRC	Mode Code	Requirements

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHPJFA22.500*; ABHPJMA671.5*; ABHPJFB23.000$$JFC23.500*)

Table 1

REPLY CODE	REPLY (AA05)
F	FEET
M	METERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

ABMK J OVERALL WIDTH

Definition: AN OVERALL MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMKJFA12.250*; ABMKJMA311.2*; ABMKJFB10.500$$JFC11.000*)

Table 1

REPLY CODE	REPLY (AA05)
F	FEET
M	METERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

BLXJ J LOADING HEIGHT

APP Key	MRC	Mode Code	Requirements

Definition: THE HEIGHT AT WHICH THE ITEM IS DESIGNED TO BE LOADED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BLXJJFA6.750*; BLXJJMA171.5*; BLXJJFB7.125$$JFC7.250*)

Table 1

REPLY CODE	REPLY (AA05)
F	FEET
M	METERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

BYNN J STRUCK CAPACITY

Definition: THE STRUCK CAPACITY FOR WHICH THE ITEM IS RATED.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BYNNJDR11.0*; BYNNJLD8.4*)

REPLY CODE	REPLY (AG67)
LD	CUBIC METERS
DR	CUBIC YARDS

ALL

AGCQ J VEHICULAR TURN RADIUS

Definition: THE RADIUS OF A CIRCLE FORMED BY THE OUTERMOST PART OF A VEHICLE WHILE EXECUTING THE SHORTEST POSSIBLE TURN.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AGCQJFA29.250*; AGCQJMA9.0*; AGCQJFB31.500$$JFC32.000*)

Table 1

REPLY CODE	REPLY (AA05)
F	FEET

APP Key	MRC	Mode Code	Requirements
		M	METERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

MB

BYNP J MAXIMUM HAULING SPEED

Definition: THE MAXIMUM SPEED AT WHICH THE ITEM IS RATED FOR HAULING.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BYNPJH14.9*; BYNPJJ24.0*)

REPLY CODE	REPLY (AA22)
J	KILOMETERS PER HOUR
H	MILES PER HOUR

MB

AKDJ D PRIME MOVER TYPE

Definition: INDICATES THE TYPE OF PRIME MOVER INCLUDED WITH THE UNIT.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AKDJDAC*)

REPLY CODE	REPLY (AG27)
AC	DIESEL ENGINE
AE	GASOLINE ENGINE

MB*

ATJL G ENGINE MANUFACTURER NAME

APP Key	MRC	Mode Code	Requirements

Definition: THE NAME OF THE MANUFACTURER OF THE ENGINE FURNISHED.

Reply Instructions: Enter the reply in clear text. (e.g., ATJLGCUMINS ENGINE CO*)

MB*

ASQF A ENGINE MODEL NUMBER

Definition: THE COMBINED GROUP OF LETTERS, NUMERALS, AND/OR SYMBOLS WHICH COMPOSE THE ASSIGNED MODEL NUMBER OF THE ENGINE.

Reply Instructions: Enter the number.

(e.g., ASQFAHBID-601*)

MB*

BYNQ G TRACTOR MANUFACTURER NAME

Definition: THE NAME OF THE MANUFACTURER OF THE TRACTOR.

Reply Instructions: Enter the reply in clear text. (e.g., BYNQGEUCLID ROAD MACHINERY CO*)

MB

BYNR A TRACTOR NAME

Definition: THE NOMENCLATURE BY WHICH THE TRACTOR IS IDENTIFIED.

Reply Instructions: Enter the name. (e.g., BYNRATRACTOR*)

MB*

BYNS G TRACTOR IDENTIFYING NUMBER

Definition: THE IDENTIFICATION NUMBER OF THE TRACTOR.

Reply Instructions: Enter the reply in clear text. (e.g., BYNSGMODEL NO. 9 FDT*)

MB*

BYNT G TRAILER MANUFACTURER NAME

Definition: THE NAME OF THE MANUFACTURER OF THE TRAILER.

APP Key	MRC	Mode Code	Requirements
	Reply Instructions: Enter the reply in clear text. (e.g., BYNTGEUCLID ROAD MACHINERY CO*)		
MB*			
	BYNW	G	TRAILER IDENTIFYING NUMBER
	Definition: THE IDENTIFICATION NUMBER OF THE TRAILER.		
	Reply Instructions: Enter the reply in clear text. (e.g., BYNWGMODEL NO. 58W*)		

SECTION: STANDARD

APP Key	MRC	Mode Code	Requirements
ALL*			
	FEAT	G	SPECIAL FEATURES

Definition: THOSE UNUSUAL OR UNIQUE CHARACTERISTICS OR QUALITIES OF AN ITEM NOT COVERED IN THE OTHER REQUIREMENTS AND WHICH ARE DETERMINED TO BE ESSENTIAL FOR IDENTIFICATION.

Reply Instructions: Enter the reply in clear text. Separate multiple replies with a semicolon. (e.g., FEATGADJUSTABLE NOSE CLIP*; FEATGADJUSTABLE NOSE PIECE; DISPOSABLE*)

ALL*			
	TEST	J	TEST DATA DOCUMENT

Definition: THE SPECIFICATION, STANDARD, DRAWING, OR SIMILAR INSTRUMENT THAT SPECIFIES ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS OR TEST CONDITIONS UNDER WHICH AN ITEM IS TESTED AND ESTABLISHES ACCEPTABLE LIMITS WITHIN WHICH THE ITEM MUST CONFORM IDENTIFIED BY AN ALPHABETIC AND/OR NUMERIC REFERENCE NUMBER. INCLUDES THE COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE OF THE ENTITY CONTROLLING THE INSTRUMENT.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the 5-position CAGE Code, a dash, and the document identification number.

(e.g., TESTJA12345-CWX654321*;

TESTJA1234A-654321$$JB5556A-663654*;

TESTJAA2345-654321$JB55566-663654*)

REPLY CODE	REPLY (AC28)
A	SPECIFICATION (Includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical," "average," "nominal," etc.)
B	STANDARD (Includes industry or association standards, individual manufacturer standards, etc.)

APP Key	MRC	Mode Code	Requirements
		C	DRAWING (This is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard, or other document that may be referenced in a basic governing drawing)

ALL*

SPCL G SPECIAL TEST FEATURES

Definition: TEST CONDITIONS AND RATINGS, OR ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS THAT ARE DIFFERENT, MORE CRITICAL, OR MORE SPECIFIC THAN THOSE SPECIFIED IN A GOVERNING TEST DATA DOCUMENT.

Reply Instructions: Enter the reply in clear text. (e.g., SPCLGSELECTED AND TESTED FOR NAVIGATIONAL SYSTEMS*)

ALL*

ZZZK J SPECIFICATION/STANDARD DATA

Definition: THE DOCUMENT DESIGNATOR OF THE SPECIFICATION OR STANDARD WHICH ESTABLISHED THE ITEM OF SUPPLY.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the Commercial and Government Entity (CAGE) Code of the entity controlling the document, a dash, and the document designator. The agency that controls the limited coordination document must be preceded and followed by a slash following the designator. The word canceled or superseded must be preceded and followed by a slash for the designator. Professional and industrial association specifications/standards are differentiated from a manufacturer's specification in that the data has been coordinated and published by the professional and industrial association. Include amendments and revisions where applicable.

(e.g., ZZZKJT81337-30642B*;

ZZZKJS81349-MIL-D-180 REV1/CANCELED/*;

ZZZKJP80205-NAS1103*;

ZZZKJS81349-MIL-C-1140C/CE/*;

ZZZKJT81337-30642B$$JP80205-NAS1103*)

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY (AN62)
S	GOVERNMENT SPECIFICATION
T	GOVERNMENT STANDARD
D	MANUFACTURERS SOURCE CONTROL
R	MANUFACTURERS SPECIFICATION
N	MANUFACTURERS SPECIFICATION CONTROL
M	MANUFACTURERS STANDARD
B	NATIONAL STD/SPEC
A	PROFESSIONAL/INDUSTRIAL ASSOCIATION SPECIFICATION
P	PROFESSIONAL/INDUSTRIAL ASSOCIATION STANDARD

NOTE FOR MRC ZZZT: IF THE SPECIFICIATION/STANDARD CITED IN REPLY TO MRC ZZZK IS NONDEFINITIVE, REPLY TO MRC ZZZT. THIS REPLY IS THE DATA WHICH IS NOT RECORDED IN SEGMENT C.

ALL* (See Note Above)

ZZZT J NONDEFINITIVE SPEC/STD DATA

Definition: THE NUMBER, LETTER, OR SYMBOL THAT INDICATES THE TYPE, STYLE, GRADE, CLASS, AND THE LIKE, OF AN ITEM IN A NONIDENTIFYING SPECIFICATION OR STANDARD.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1, followed by the appropriate number, letter, or symbol. (e.g., ZZZTJTY1*; ZZZTJTY1$$JSTA*; ZZZTJTY1$JSTA*)

ALL*

ZZZW G DEPARTURE FROM CITED DOCUMENT

Definition: THE TECHNICAL DIFFERENTIATING CHARACTERISTIC(S) OF AN ITEM OF SUPPLY WHICH DEPART(S) FROM THE TEXT OF A SPECIFICATION OR A STANDARD IN THAT IT REPRESENTS A SELECTION OF CHARACTERISTICS STATED IN THE SPECIFICATION OR STANDARD AS BEING OPTIONAL, OR A VARIATION FROM ONE OR MORE OF THE STATED CHARACTERISTICS, OR AN ADDITIONAL CHARACTERISTIC NOT STATED IN THE SPECIFICATION OR STANDARD.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZWGAS MODIFIED BY MATERIAL*)

APP Key	MRC	Mode Code	Requirements
ALL*			
	ZZZX	G	DEPARTURE FROM CITED DESIGNATOR
			Definition: THE VARIATION WHEN THE ITEM IS IN CONFORMITY WITH A TYPE DESIGNATOR COVERED BY A SPECIFICATION OR STANDARD, EXCEPT IN REGARD TO ONE OR MORE TECHNICAL DIFFERENTIATING CHARACTERISTICS.
			Reply Instructions: Enter the reply in clear text. (e.g., ZZZXGAS MODIFIED BY MATERIAL*)
ALL*			
	ZZZY	G	REFERENCE NUMBER DIFFERENTIATING CHARACTERISTICS
			Definition: A FEATURE OF THE ITEM OF SUPPLY WHICH MUST BE SPECIFICALLY RECORDED WHEN THE REFERENCE NUMBER COVERS A RANGE OF ITEMS.
			Reply Instructions: Enter the reply in clear text. (e.g., ZZZYGCOLOR CODED LEADS*; ZZZYGAS DIFFERENTIATED BY MATERIAL*)
ALL*			
	CRTL	A	CRITICALITY CODE JUSTIFICATION
			Definition: THE MASTER REQUIREMENT CODES OF THOSE REQUIREMENTS WHICH ARE TECHNICALLY CRITICAL BY REASON OF TOLERANCE, FIT, PERFORMANCE, OR OTHER CHARACTERISTICS WHICH AFFECT IDENTIFICATION OF THE ITEM.
			Reply Instructions: Enter the Master Requirement Code for the requirement, the reply to which renders the item as being critical. (e.g., CRTLAMATL*; CRTLAMATL$$ASURF*)
			Reply to this requirement only if the header record for the item identification for the item being identified has been coded as critical.
NOTE FOR MRC PRPY: IF DOCUMENT AVAILABILITY CODE B, D, F, OR H, REPLY TO MRC PRPY.			
ALL* (See Note Above)			

APP Key	MRC	Mode Code	Requirements
	PRPY	A	PROPRIETARY CHARACTERISTICS

Definition: IDENTIFICATION OF THOSE CHARACTERISTICS INCLUDED IN THE DESCRIPTION FOR WHICH A NON-GOVERNMENT ACTIVITY HAS IDENTIFIED ALL OR SELECTED CHARACTERISTICS OF THE ITEM AS BEING PROPRIETARY AND THEREFORE RESTRICTED FROM RELEASE OUTSIDE THE GOVERNMENT WITHOUT PRIOR PERMISSION OF THE ORIGINATOR OF THE DATA.

Reply Instructions: Enter the MRC codes of the individual characteristics of the description which are marked proprietary on the technical data, using AND coding ($$) for multiple characteristics. If all the MRCs are proprietary, enter the reply PACS. If none of the MRCs is proprietary, enter the reply NPAC. (e.g., PRPYAPACS*; PRPYANPAC*; PRPYAMATL$$ASURF*)

ALL*

	ELRN	G	EXTRA LONG REFERENCE NUMBER

Definition: A REFERENCE NUMBER EXCEEDING 32 POSITIONS.

Reply Instructions: Enter the entire reference number. Do not include the 5-position Commercial and Government Entity (CAGE) Code unless there is more than one extra long reference number on the NSN, (e.g., ELRNGANN112036BIL060557LEN313605UZ62365*).

If there is more than one extra long reference number on the NSN, include the CAGE or NCAGE and separate each reference by using the "&" character, (e.g., 28480 ANN112036BIL060557LEN313605UZ62365 & S1234 NN112036BIL060557LEN313605UZ62365).

In determining quantity of characters in the reference number, count will be made after modification in accordance with Volume 2, Chapter 9, FLIS Procedures Manual, DoD 4100.39-M.

ALL*

	ELCD	D	EXTRA LONG CHARACTERISTIC DESCRIPTION

Definition: A DESCRIPTION THAT EXCEEDS 5000 CHARACTERS.

Reply Instructions: Enter the Reply Code from the table below. (e.g., ELCDDA*)

REPLY CODE	REPLY (AN58)

APP Key	MRC	Mode Code	Requirements
		A	ADDITIONAL DESCRIPTIVE DATA ON MANUAL RECORD

SECTION: SUPPTECH

APP Key	MRC	Mode Code	Requirements
ALL			
	AFJK	J	CUBIC MEASURE

Definition: A MEASUREMENT OF VOLUME TAKEN BY MULTIPLYING THE LENGTH BY THE WIDTH BY THE HEIGHT OF AN ITEM AND RENDERED IN CUBIC UNITS.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AFJKJF1.0219*; AFJKJE0.03*)

REPLY CODE	REPLY (AD42)
F	CUBIC FEET
E	CUBIC METERS

ALL			
	AWJN	J	UNPACKAGED UNIT WEIGHT

Definition: THE MEASURED WEIGHT OF AN ITEM UNENCUMBERED BY PACKAGING OR PACKING MATERIAL.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AWJNJAS0.50*; AWJNJAJ0.23*)

REPLY CODE	REPLY (AG67)
AJ	KILOGRAMS
AS	POUNDS

ALL			
	SUPP	G	SUPPLEMENTARY FEATURES

Definition: CHARACTERISTICS OR QUALITIES OF AN ITEM, NOT COVERED IN ANY OTHER REQUIREMENT, WHICH ARE CONSIDERED ESSENTIAL INFORMATION FOR ONE OR MORE FUNCTIONS EXCLUDING NSN ASSIGNMENT.

Reply Instructions: Enter the reply in clear text. (e.g., SUPPGMAY INCL HOLE IN UPPER SUPPORT FOR MTG DURING SHIPMENT*)

APP Key	MRC	Mode Code	Requirements
ALL			
	ZZZV	G	FSC APPLICATION DATA

Definition: THE JUSTIFICATION FOR THE ASSIGNMENT OF A FEDERAL SUPPLY CLASS (FSC) TO AN ITEM BASED ON THE CLASSIFICATION OF THE NEXT HIGHER CLASSIFIABLE ASSEMBLY.

Reply Instructions: Enter the name of the next higher classifiable assembly in clear text. (e.g., ZZZVGFUEL SYSTEM, GASOLINE ENGINE, NONAIRCRAFT*)

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Reply Tables

Table 1 - NONDEFINITIVE SPEC/STD DATA

NONDEFINITIVE SPEC/STD DATA

REPLY CODE	REPLY (AD08)
AL	ALLOY
AN	ANNEX
AP	APPENDIX
AC	APPLICABILITY CLASS
AR	ARRANGEMENT
AS	ASSEMBLY
AB	ASSORTMENT
BX	BOX
CY	CAPACITY
CA	CASE
CT	CATEGORY
CL	CLASS
CE	CODE
CR	COLOR
CC	COMBINATION CODE
CN	COMPONENT
CP	COMPOSITION
CM	COMPOUND
CD	CONDITION
CS	CONSTRUCTION
DE	DESIGN
DG	DESIGNATOR
DW	DRAWING NUMBER
EG	EDGE
EN	END
FY	FAMILY
FG	FIGURE
FN	FINISH
FM	FORM
FA	FORMULA
GR	GRADE
GP	GROUP
NS	INSERT
TM	ITEM
KD	KIND
KT	KIT
LG	LENGTH
LT	LIMIT
MK	MARK
ML	MATERIAL
MH	MESH
ME	METHOD
MD	MODEL

REPLY CODE	REPLY (AD08)
MT	MOUNTING
NR	NUMBER
PT	PART
PN	PATTERN
PC	PHYSICAL CONDITION
PS	PIECE
PL	PLAN
PR	POINT
QA	QUALITY
RN	RANGE
RT	RATING
RF	REFERENCE NUMBER
SC	SCHEDULE
SB	SECTION
SL	SELECTION
SE	SERIES
SV	SERVICE
SX	SET
SA	SHADE
SH	SHAPE
SG	SHEET
SZ	SIZE
PZ	SPECIES
SQ	SPECIFICATION SHEET
SD	SPEED
ST	STYLE
SS	SUBCLASS
SF	SUBFORM
SP	SUBTYPE
SN	SURFACE CONDITION
SY	SYMBOL
SM	SYSTEM
TB	TABLE
TN	TANNAGE
TP	TEMPER
TX	TEXTURE
TK	THICKNESS
TT	TREATMENT
TR	TRIM
TY	TYPE
YN	UNIT
VA	VARIETY
WT	WEIGHT
WD	WIDTH

Reference Drawing Groups

No table of contents entries found.

Technical Data Tables

STANDARD FRACTION TO DECIMAL CONVERSION CHART

4ths	8ths	16ths	32nds	64ths	To 3	To 4	4ths	8ths	16ths	32nds	64ths	To 3	To 4
				1/64	.016	.0156					33/64	.516	.5156
			1/32	-----	.031	.0312				17/32	------	.531	.5312
				3/64	.047	.0469					35/64	.547	.5469
		1/16	-----		.062	.0625			9/16	-----	-----	.562	.5625
				5/64	.078	.0781					37/64	.578	.5781
			3/32	-----	.094	.0938				19/32	------	.594	.5938
				7/64	.109	.1094					39/64	.609	.6094
	1/8	-----	-----	-----	.125	.1250		5/8	-----	-----	-----	.625	.6250
				9/64	.141	.1406					41/64	.641	.6406
			5/32	-----	.156	.1562				21/32	------	.656	.6562
				11/64	.172	.1719					43/64	.672	.6719
		3/16	-----	-----	.188	.1875			11/16	-----	-----	.688	.6875
				13/64	.203	.2031					45/64	.703	.7031
			7/32	------	.219	.2188				23/32	------	.719	.7188
				15/64	.234	.2344					47/64	.734	.7344
1/4	-----	-----	-----	-----	.250	.2500	3/4	-----	-----	-----	-----	.750	.7500
				17/64	.266	.2656					49/64	.766	.7656
			9/32	------	.281	.2812				25/32	------	.781	.7812
				19/64	.297	.2969					51/64	.797	.7969
		5/16	-----	-----	.312	.3125			13/16	-----	-----	.812	.8125
				21/64	.328	.3281					53/64	.828	.8281
			11/32	------	.344	.3438				27/32	------	.844	.8438
				23/64	.359	.3594					55/64	.859	.8594
	3/8	-----	-----	-----	.375	.3750		7/8	-----	-----	-----	.875	.8750
				25/64	.391	.3906					57/64	.891	.8906
			13/32	------	.406	.4062				29/32	------	.906	.9062
				27/64	.422	.4219					59/64	.922	.9219
		7/16	-----	-----	.438	.4375			15/16	-----	-----	.938	.9375
				29/64	.453	.4531					61/64	.953	.9531
			15/32	------	.469	.4688				31/32	------	.969	.9688
				31/64	.484	.4844					63/64	.984	.9844
					.500	.5000						1.000	1.0000

OUNCE TO DECIMAL OF A POUND CONVERSION CHART

OUNCES	POUNDS
1	0.062
2	0.125
3	0.188
4	0.250
5	0.312
6	0.375
7	0.438
8	0.500
9	0.562
10	0.625
11	0.688
12	0.750
13	0.812
14	0.875
15	0.938
16	1.000

FIIG Change List

FIIG Change List, Effective March 5, 2010.

Deleted SAC reference from MRC's AJKL, BGLJ, BXWF, and BXWG in Section L. Use "AND" Coding.